

Proposed Amendments to the Truck and Bus Regulation

October 2010

Why are changes to the regulation being proposed?

Staff is proposing major changes to the Truck and Bus regulation for several reasons:

- The recession has negatively affected employment and revenue for most fleets affected by the regulation and has resulted in lower emissions.
- Updating the regulation provides an opportunity to simplify and streamline the regulation, while providing fleets more flexibility in how they reduce their emissions.

What are the proposed changes?

The amended regulation would exempt smaller vehicles from meeting PM filter requirements and would delay the first replacements for all trucks until 2015. No engine less than 20 years old (97 percent of trucks) would be replaced until January 1, 2020.

For lighter trucks with a gross vehicle weight rating (GVWR) of 26,000 pounds or less:

- There would be no requirements until 2015,
- Must replace when 20 years old from 2015 to 2020, and
- All must have 2010 engines by 2023.

For heavier trucks with a GVWR greater than 26,000 lbs:

Engine Model	Compliance Dates	
	Install PM Filter By	2010 Engine By
1993 and older	N/A	January 1, 2015
1994-1995	N/A	January 1, 2016
1996-1997	N/A	January 1, 2017
1998-2000	January 1, 2012	January 1, 2020
2001-2004	January 1, 2013	January 1, 2021
2005-2006	January 1, 2014	January 1, 2022
2007-2009	January 1, 2014 if not originally equipped with a PM filter	January 1, 2023

Are there any compliance options?

Small fleets with 1 to 3 trucks have an option to wait until 2014 to start phasing in one PM filter per year on their heavier trucks. Small fleets must report from 2012 to 2016 to take advantage of the option.

Large fleets with heavier trucks have an option to phase-in the requirements from 2012 to 2016, but must report starting January 31, 2012. Fleets using this option that have downsized the fleet since 2006 would also have a reduced requirement. Fleets can also earn credits to exempt another vehicle until 2017 for each PM filter installed before July 2011 and for adding fuel efficient hybrids or alternative fueled vehicles.

How do the proposed changes affect what fleets have to do?

Issue	Existing Regulation	Proposed Amendments
Initial PM requirements	2011	2012
Number of trucks exempt from PM filters	<10,000	150,000
Number of businesses subject to PM filters	175,000	100,000
Initial truck replacements	2013	2015
Age of truck replaced prior to 2020	12 years old	20 years old

How will the proposed changes affect the costs to fleets?

- Costs for most fleets would be about 60% to 70% lower
- The average costs in the first 5 years would be less than half
- Cost for lighter trucks (less than 26,000 lbs) would be near zero
- Total costs over the next 15 years would be 60 percent lower

What considerations did ARB staff use in developing the proposed changes?

On April 22, 2010, staff presented an update to the Board on the off-road and truck and bus regulations. The Board asked staff to draft changes to the regulations, following 10 guiding principles:

- Continue progress toward cleaner air
- Maintain public health benefits
- Meet SIP commitments
- Incentivize greenhouse gas reductions
- Improve cost effectiveness
- Lower peak year costs
- Consider cumulative impact of both regulations
- Provide most economic relief to fleets hardest hit by recession
- Ensure emission reductions as economy recovers
- Support clean technologies

Staff's proposed amendments to the regulation follow the 10 guiding principles, as well as incorporate recent input received from stakeholders. They maintain as much of the emissions and public health benefits expected from the original regulation as possible, and meet the Board's State Implementation Plan commitments.

When will the proposed changes be considered by the Air Resources Board?

The amendments will be considered at a hearing on December 16 & 17, 2010.

More information

For further information, please visit our website at www.arb.ca.gov/dieseltruck, or call 866-6DIESEL (866-634-3735), or email us at 8666diesel@arb.ca.gov. We also offer a listserve where you can sign up to get periodic email updates and information about the regulation and meetings, at http://www.arb.ca.gov/listserv/listserv_ind.php?listname=onrdiesel.